



Product Change Notification / LIAL-24CIFQ952

Date:

30-Jun-2021

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

Memo log # ML062021003J Final Notice: Qualification of 66.88K process technology for selected Microchip products of the AT24C512C device family.

Affected CPNs:

[LIAL-24CIFQ952_Affected_CPN_06302021.pdf](#)
[LIAL-24CIFQ952_Affected_CPN_06302021.csv](#)

Notification Text:

PCN Status: Final notification.

PCN Type: Manufacturing Change

Microchip Parts Affected: Please open one of the files found in the Affected CPNs section

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

Description of Change: Qualification of 66.88K process technology for selected Microchip products of the AT24C512C device family

Pre and Post Change Summary:

	Pre Change	Post Change	
Wafer Technology	35.8k wafer	35.8k wafer	66.88K wafer

	technology	technology	technology
Fabrication Location	Microchip Technology Colorado – Fab 5 (MCSO)	Microchip Technology Colorado – Fab 5 (MCSO)	United Microelectronics Corporation – Fab 8D Hsin-Chu Taiwan (U08D)
Wafer Diameter	6 inches (150mm)	6 inches (150mm)	8 inches (200 mm)
Quality certification	ISO/TS16949	ISO/TS16949	ISO/TS16949

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying an additional fabrication site.

Change Implementation Status:In Progress

Estimated First Ship Date:August 2, 2021 (date code: 2132)

NOTE: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Time Table Summary:

Workweek	June 2021					-	August 2021				
	23	24	25	26	27		32	33	34	35	36
Final PCN Issue Date					X						
Qual Report Availability							X				
Estimated Implementation Date							X				

Method to Identify Change:Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report

Revision History:June 30, 2021: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on August 2, 2021.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachments:

[PCN_LIAL-24CIFQ952_Qual_Report.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

AT24C512C-SSHD-B
AT24C512C-SSHM-B
AT24C512C-SHM-B
AT24C512C-SHD-B
AT24C512C-XHD-B
AT24C512C-XHM-B
AT24C512C-SSHD-T
AT24C512C-SSHM-T
AT24C512C-SHD-T
AT24C512C-SHM-T
AT24C512C-XHM-T
AT24C512C-XHD-T
AT24C512C-MAHM-T
AT24C512C-MAHM-E